

What is Claimed is:

1. An electrical connection device between a first conducting track and a second conducting track of an integrated circuit comprising a first conducting connection between the first track and the second track, the first track having a first interface with the first connection and a second interface with an insulating material laterally surrounding the first track, said second interface being substantially parallel to a flow direction of an electric current in the first track, the first track further comprising at least one additional interface with an insulating material, placed at a distance from the first connection which is substantially less than a width of the first track at the first interface.

2. A device according to Claim 1, wherein the additional interface comprises a surface of a rib of insulating material included in the first track.

3. A device according to Claim 2, wherein the rib is parallel to the flow direction of an electric current in the first track.

4. A device according to Claim 3, wherein the additional interface comprises surfaces of several ribs of insulating material included in the first track, parallel to each other and to the flow direction of an electric current in the first track.

5. A device according to Claim 4, comprising several connections between the first track and the second track, and wherein at least two interfaces between the first track and two respective connections are separated by at least one rib included in the first track.

- 17 -

6. A device according to Claim 2, wherein the rib included in the first track cross the first track between two opposite faces of the first track, in a direction perpendicular to the first track and to the second track.

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7. A device according to Claim 1, wherein the second track comprises at least one rib of insulating material placed at some distance from the first connection which is substantially less than a width of the second track at 10 its interface with the first connection.

8. A device according to Claim 7, wherein the second track comprises several ribs of insulating material parallel to each other and to a flow direction of an 15 electric current in the second track.

9. A device according to Claim 5, wherein the second track also comprises several ribs of insulating material parallel to each other and to a flow direction of an 20 electric current in the second track, and wherein at least two interfaces between the second track and the two respective connections are separated by at least one rib included in the second track.

25 10. A device according to Claim 7, wherein the rib included in the second track cross the second track between two opposite faces of the second track.

30 11. A device according to Claim 1, wherein the additional interface comprises faces of notches inserted between portions of the second interface.

35 12. A device according to Claim 11, wherein the faces of notches inserted between portions of the second interface are substantially perpendicular to the flow direction of electric current in the first track.

- 18 -

13. A device according to Claim 11, further comprising a second conducting connection between the first track and the second track placed at some distance from the first connection which is substantially less
5 than the width of the first track at the first interface.

14. A device according to Claim 1, wherein the insulating material includes silicon atoms.

10 15. A device according to Claim 1, wherein the insulating material includes carbon and fluorine atoms.

15 16. A device according to Claim 1, wherein at least one of the materials of the first track, of the second track or of the connection or connections is based on copper, aluminium, silver or an alloy containing at least one of the above metals.